HMS HOLDINGS CORP

Form 4

October 31, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

Security

(Instr. 3)

1. Name and Address of Reporting Person * RUDNICK ELLEN A

2. Issuer Name and Ticker or Trading Symbol

HMS HOLDINGS CORP [HMSY]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Middle)

3. Date of Earliest Transaction

10% Owner

7. Nature of

Ownership

(Instr. 4)

Indirect

401 PARK AVENUE SOUTH

(Month/Day/Year)

10/01/2008

X_ Director Other (specify Officer (give title below)

(Street)

(First)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

NEW YORK, NY 10016

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 8)

5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial Owned (Instr. 4)

Following Reported Transaction(s)

or (Instr. 3 and 4) Code V Amount (D) Price

(Instr. 3, 4 and 5)

(A)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and Am 4 Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative **Expiration Date** Underlying Seco Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired

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Derivative (A) or Security Disposed of (D)

(Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable Expiration Title

Date

A

or N of Sl

Non-Qualified

Stock Option \$ 23.99 10/01/2008 A 5,850 10/01/2008(1) 09/30/2015 Common Stock

(Right to Buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

RUDNICK ELLEN A
401 PARK AVENUE SOUTH X
NEW YORK, NY 10016

Signatures

Water Hosp by Power of Attorney for Ellen A.

Rudnick 10/31/2008

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Date shown is the date of grant of option. Stock option vests in quarterly increments over a period of one year commencing on December 31,2008.
- (2) Only represents the derivative securities of this class.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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